

Application No.: 09/606,350
Office Action Dated: September 9, 2003

Amendment to the Specification

Due to the cancellation of claims in a previous amendment, Michael L. Dunn is no longer an actual inventor. Consequently, applicant requests correction of inventorship and, specifically, that Michael L. Dunn be deleted as an inventor leaving Melvin L. Barnes, Jr. as the sole inventor. The fee is attached herewith.

Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

21. (Currently Amended) A handheld wireless communication device, comprising:

- a processor;
- a user input device communicatively coupled to said processor;
- an audible output device operatively coupled to said processor;
- a wireless ~~transmission~~ transmitter operatively coupled to said processor;
- a wireless ~~transmission~~ receiver operatively coupled to said processor;
- an audible input device communicatively coupled to said processor and configured to receive voice messages and voice commands; and
- a memory coupled to said processor;
- said process being programmed to store voice messages and voice commands received at said audible input device in said memory;

Application No.: 09/606,350
Office Action Dated: September 9, 2003

a computer readable medium encoded with executable instructions to cause
said processor ~~being programmed~~ to retrieve a voice message and to reproduce
said voice message at said audible output device in response to receiving a user
input indicating a user request to reproduce said voice message;

said computer readable medium encoded with executable instructions to
cause said processor ~~being programmed~~ to retrieve a first voice command and to
generate a request signal, said request signal including data based, at least in part,
on information relating corresponding to an article of commerce included in said first
voice command; ~~and~~

said computer readable medium encoded with executable instructions to
cause said processor ~~being programmed~~ to cause said transmitter to wirelessly
transmit said request signal to a remote computer for purchase of said the article of
commerce; and

wherein the remote computer is configured to process the sale of the article of
commerce.

22. (Currently Amended) The wireless communication device of claim 21,
wherein said computer readable medium is encoded with executable instructions to
cause said processor ~~is programmed~~ to retrieve information for purchasing said
~~article of commerce from said memory and programmed to include said information~~
~~for purchasing said article of commerce in said request signal~~ to transmit said
information for purchasing to the remote computer.

23. (Currently Amended) A handheld wireless communication device,
comprising:

Application No.: 09/606,350
Office Action Dated: September 9, 2003

a processor;

a user input device communicatively coupled to said processor;

a wireless ~~transmission~~ transmitter operatively coupled to said processor;

a wireless ~~transmission~~ receiver operatively coupled to said processor;

an audible input device communicatively coupled to said processor and configured to receive a voice input, said voice input including information relating to an article of commerce;

a memory coupled to said processor;

a computer readable medium encoded with executable instructions to cause said processor ~~being programmed~~ to generate a request signal including data relating to said the article of commerce in response to a user input; and

said computer readable medium encoded with executable instructions to cause said processor ~~being programming~~ to determine a destination for transmitting said request signal and to cause said transmitter to wirelessly transmit said request signal to said the destination; and

wherein the destination comprises a remote computer configured to process the sale of the article of commerce.

24. (Currently Amended) The wireless communication device of claim 23, wherein said voice input includes destination information and wherein said processor determines said the destination based on said destination information.

25. (Currently Amended) The wireless communication device of claim 24, wherein said memory includes information for making a purchase stored therein and said computer readable medium is encoded with executable instructions to cause

Application No.: 09/606,350

Office Action Dated: September 9, 2003

said processor ~~is programmed~~ to retrieve said information for making a purchase from said memory and to ~~include~~ wirelessly transmit said information for making a purchase in ~~said request signal~~ to the destination.

26. (Previously presented) The wireless communication device of claim 23, wherein said data relating an article of commerce included in said request signal is based on said information relating to an article of commerce included in said voice input.

27. (Currently Amended) The wireless communication device of claim 26, wherein:

said memory includes information for making a purchase stored therein; and said computer readable medium is encoded with executable instructions to cause said processor ~~is programmed~~ to retrieve said information for making a purchase from said memory and to ~~include~~ transmit said information for making a purchase in ~~said request signal~~ to the destination.

28. (Currently Amended) The wireless communication device of claim 27, wherein:

said memory includes said destination information stored therein; and wherein said processor retrieves said destination information from memory to determine said the destination.

29. (Currently Amended) The wireless communication device of claim 28, wherein ~~said~~ the destination is an internet address.

Application No.: 09/606,350

Office Action Dated: September 9, 2003

30. (Currently Amended) The wireless communication device of claim 26, wherein said voice input includes destination information and wherein said processor determines said the destination based on said destination information.

31. (Currently Amended) A method of using a handheld wireless ~~transmission~~ communication device, said device ~~including~~ comprising an audible output device, an audible input device, and a memory; the method comprising the steps of:

receiving a first speech input comprising a voice message at said the audible input device;

storing data representative of said first speech input in the memory;

receiving a first input from the user;

audibly reproducing said voice message at said the audible output device in response to receiving said first input from the user;

storing information for making a purchase in memory;

receiving a second input from the user; ~~and~~

~~providing a wireless communication link in response to receiving said second input from the user;~~

in response to said second user input, retrieving said information for making a purchase from memory and wirelessly transmitting said information for making a purchase to a remote computer configured to process a sale;

receiving a third input from the user;

in response to said third user input, establishing a voice communication link with a remote device through a mobile telephone network; and

Application No.: 09/606,350
Office Action Dated: September 9, 2003

receiving voice data from the user and wirelessly transmitting data
representing said voice data through said voice communication link.

32. (Currently Amended) The method of claim 31, wherein ~~said wireless communication link is a wireless voice communication link~~ the device further comprises an image input device and the method further comprises receiving an image input at the image input device.

33. (Currently Amended) The method of claim 31, wherein said second input comprises ~~further comprising the step of receiving a second speech input comprising a voice command~~ received at said the audible input device.

34. (Currently Amended) The method of claim 33 ~~31~~, wherein:
~~said voice command includes~~ second user input comprises information of a ~~destination for transmitting data~~ an address of the remote computer and said ~~the~~ memory includes information for making a purchase for a plurality of accounts stored therein; the method further comprising the steps of:

~~retrieving said information for making a purchase from said memory; and~~
~~transmitting said information for making a purchase to said destination~~
selecting one of said plurality of accounts and wherein said information for making for a purchased retrieved from the memory corresponds to said selected account.

35. (Currently Amended) The method claim 34, wherein said ~~voice command includes~~ second user input comprises information relating to an article of commerce and further including the step of comprising transmitting data, based on

Application No.: 09/606,350
Office Action Dated: September 9, 2003

said information relating to an article of commerce, to ~~said destination~~ the remote computer.

36. (Currently Amended) The method of claim 33, wherein:

said voice command includes information relating to an article of commerce
~~and said memory includes information for making a purchase stored therein; the
method further comprising the steps of~~

~~retrieving said information for making a purchase from memory; and
transmitting said information for making a purchase and data based on said
information relating to an article of commerce to a remote computer.~~

37. (Currently Amended) The method of claim 36, wherein said memory
includes an address of said the remote computer stored therein and further
comprising ~~the step of~~ retrieving said address from said the memory.

38. (Previously Presented) The method of claim 37, wherein said address
is an Internet address.

39. (Currently Amended) The method of claim 36, wherein said voice
command includes a request relating to said the article of commerce and further
~~including the step of~~ comprising receiving a response from said the remote
computer.

40. (Currently Amended) The method of claim 39, wherein said request is
selected from the group of a request to make a reservation, and a request to
purchase a product, ~~and a request for information~~ the article of commerce.

41. (Currently Amended) A method of using a handheld wireless
transmission communication device, said device including comprising an audible

Application No.: 09/606,350

Office Action Dated: September 9, 2003

input device, an image input device, and a memory; the method comprising the steps of:

receiving an image input at the image input device;
storing data representative of said image input in the memory;
 receiving a first speech input at the audible input device;
 storing data representative of said first speech input in the memory;
 retrieving information from memory based, at least in part, on said first speech input;
 generating a request signal including, at least in part, said information retrieved from memory;
 determining a destination for transmitting said request signal; and
wirelessly transmitting said request signal through a mobile telephone network
 to a said the destination.

42. (Previously presented) The method of claim 41, wherein:
 said first speech input includes information relating to an article of commerce;
 and
 said request signal includes data based on said information relating to said article of commerce.

43. (Previously presented) The method of claim 42, wherein said information retrieved from memory and included in said request signal includes information for making a purchase.

44. (Currently Amended) The method of claim 43, wherein the memory includes said information of the destination stored therein and wherein said step of

Application No.: 09/606,350

Office Action Dated: September 9, 2003

determining a destination includes retrieving said information of the destination from memory.

45. (Previously presented) The method of claim 42, wherein said first speech input further includes destination information.

46. (Currently Amended) The method of claim 42, wherein said first speech input includes a request relating to said the article of commerce and further ~~including the step of~~ comprising receiving a response to said request signal.

47. (Previously presented) The method of 46, wherein said request is selected from the group of a request to make a reservation, a request to purchase a product, and a request for information.

48. (Previously presented) The method of claim 41, wherein said speech input includes destination information.

49. (Previously presented) The method of claim 48, wherein said information retrieved from memory and included in said request signal includes information for making a purchase.

50. (Currently Amended) The method of claim 48, wherein said the destination is an Internet address.

51. (Previously presented) The method of claim 49, wherein said request signal includes data representing a variable value pair and said information for making a purchase is a value of said variable value pair.

52. (Currently Amended) A method of using a handheld communication device, said communication device ~~including~~ comprising a memory, the method ~~comprising the steps of:~~

Application No.: 09/606,350

Office Action Dated: September 9, 2003

receiving a first speech input, said speech input including information relating
corresponding to an article of commerce;

~~converting said speech input to text data;~~

determining a destination for transmitting a request relating to said the article
of commerce;

retrieving information for making a purchase from the memory;

generating a first signal including data based, at least in part, on said
information relating to said the article of commerce;

wirelessly transmitting said first signal to said the destination; and

wirelessly transmitting said information for making a purchase to said the
destination; and

wherein the destination comprises a computer configured to process a sale of
the article of commerce.

53. (Currently Amended) The method of claim 52, wherein the memory
includes information relating to said the destination stored therein and said step of
determining a destination comprises retrieving said information relating to the
destination from memory.

54. (Currently Amended) The method of claim 52, wherein said step of
determining a destination ~~includes~~ comprises scanning an image.

55. (Currently Amended) The method of claim 52, wherein said first
speech input further includes information representative of said the destination and
said step of determining a destination ~~includes~~ comprises processing said first
speech input to establish said the destination.

Application No.: 09/606,350

Office Action Dated: September 9, 2003

56. (Currently Amended) A method of using a handheld wireless ~~transmission communication~~ device, said device ~~including~~ comprising an user input device ~~for providing an input from a user~~, an image input device, and a memory, the method comprising the steps of:

receiving first data representative of a first input of image data at the image input device;

receiving second data representative of an input from the user at the user input device;

wirelessly transmitting ~~including~~ data representative of at least a portion said first data ~~and data based on said second data in a first signal to a remote destination~~ through a mobile telephone network; and

wirelessly transmitting ~~said first signal to a~~ data based on said second data to the remote destination through the mobile telephone network.

57. (Currently Amended) The method of claim 56, wherein said image data includes data representative of said the remote destination.

58. (Currently Amended) The method of claim 57, wherein said image data is text data and further ~~including the step of~~ comprising converting said first data ~~representing said first input of image data~~ to text.

59. (Currently Amended) The method of claim 57, wherein ~~said~~ the remote destination is an Internet address.

60. (Currently Amended) The method of claim 57, wherein said image data further ~~includes~~ comprises data relating to an article of commerce.

Application No.: 09/606,350
Office Action Dated: September 9, 2003

61. (Previously Presented) The method of claim 60, wherein said input from the user includes a request selected from the group of a request to make a reservation, a request to purchase a product, and a request for information.

62. (Currently Amended) The method of claim 56, wherein the memory includes information for making a purchase stored therein and said image data includes information relating to an article of commerce, and further ~~including the steps of~~ comprising:

retrieving said information for making a purchase from memory; and
including wirelessly transmitting at least a portion of said information for making a purchase and data based on said information relating to an article of commerce ~~in said first signal~~ to the remote destination through the mobile telephone network.

63. (Previously presented) The method of claim 62, wherein said information for making a purchase includes information relating to a credit card.

64. (Currently Amended) The method of claim 62, wherein the memory includes user information stored therein; and further ~~including the steps of~~ comprising:

retrieving said user information from memory; and
including wirelessly transmitting at least a portion of said user information in ~~said first signal~~ to the remote destination through the mobile telephone network.

65. (Currently Amended) The method of claim 62, wherein said image data further includes data representative of said the remote destination.

Application No.: 09/606,350
Office Action Dated: September 9, 2003

66. (Currently Amended) The method of claim 56, wherein said image data includes information relating to an article of commerce and ~~said portion of said first data included in said first signal is data representative of said information relating to an article of commerce.~~

67. (Currently Amended) The method of claim 66, wherein the memory includes information for making a purchase stored therein; and further including the steps of comprising:

retrieving said information for making a purchase from memory; and
including transmitting at least a portion of said information for making a purchase in ~~said first signal~~ to the remote destination through the mobile telephone network.

68. (Currently Amended) The method of claim 66, wherein the memory includes data representative of said the remote destination stored therein; and further including the step of comprising retrieving said data representative of said the remote destination from memory.

69. (Currently Amended) The method of claim 68, wherein the memory includes information for making a purchase stored therein; and further including the steps of comprising:

retrieving said information for making a purchase from memory; and
including wirelessly transmitting at least a portion of said information for making a purchase in ~~said first signal~~ to the remote destination through the mobile telephone network.

Application No.: 09/606,350

Office Action Dated: September 9, 2003

70. (Currently Amended) The method of claim 56, wherein said input from the user ~~includes~~ comprises a speech input.

71. (Currently Amended) The method of claim 70, wherein said image data ~~includes data representative of said remote destination~~ speech input comprises data relating to the image data.

72. (Currently Amended) The method of claim 70, wherein said image data ~~includes~~ comprises data relating to an article of commerce and said input from the user ~~includes~~ comprises a request relating to said the article of commerce.

73. (Currently Amended) The method of claim 72, wherein the memory includes information for making a purchase stored therein and said image data further includes data representative of said the remote destination; and further ~~including the steps of~~ comprising:

retrieving said information for making a purchase from memory; and
including wirelessly transmitting at least a portion of said information for making a purchase ~~in said first signal~~ to the remote destination through the mobile telephone network.

74. (Currently Amended) A method of using a handheld wireless transmission communication device, said device including comprising a memory; the method ~~comprising the steps of~~:

scanning an image, said the image including information of a destination for transmitting a signal;

storing data representing at least a portion of said the image in memory;

determining a destination based on said stored data;

Application No.: 09/606,350
Office Action Dated: September 9, 2003

receiving a user input;
generating a request signal based, at least in part, on said user input; and
wirelessly transmitting said request signal through a mobile telephone network
to said the destination.

75. (Currently Amended) The method of claim 74, wherein said the image is text and further ~~including the step of comprising~~ converting said data representing at least a portion of said the image data to text.

76. (Currently Amended) The method of claim 75, wherein ~~said destination is an internet address~~
the destination is a computer configured to process the sale of an article of commerce.

77. (Previously presented) The method of claim 74, wherein said user input includes a request relating to an article of commerce.

78. (Currently Amended) The method of claim 74, wherein the memory includes information for making a purchase stored therein; and further ~~including the steps of comprising:~~

retrieving said information for making a purchase from memory; and
~~including~~ wirelessly transmitting said information for making a purchase in
said request signal through the mobile telephone network to the destination.

79. (Previously presented) The method of claim 78, wherein said information for making a purchase includes information relating to a credit card.

80. (Previously presented) The method of claim 78, wherein said image further includes data relating to an article of commerce.

Application No.: 09/606,350

Office Action Dated: September 9, 2003

81. (Currently Amended) A method of using a handheld wireless ~~transmission~~ communication device, said device ~~including~~ comprising memory storing a destination therein, the method comprising the steps of:

scanning an image, said image including information relating corresponding to an article of commerce;

storing data representing at least a portion of said image in memory;

receiving a user input;

retrieving the destination;

generating a request signal including data based on said information relating to ~~said~~ the article of commerce in response to said user input; and

wirelessly transmitting said request signal through a mobile telephone network to the destination.

82. (Currently Amended) The method of claim 81, wherein said user input is comprises a speech input.

83. (Currently Amended) The method of claim 81, wherein the destination ~~is an internet address~~ comprises a computer configured to process the sale of the article of commerce

84. (Currently Amended) The method of claim 81, wherein the memory includes information for making a purchase stored therein; and further ~~including the steps of~~ comprising:

retrieving said information for making a purchase from memory; and

including wirelessly transmitting at least a portion of said information for making a purchase in ~~said request signal~~ through a mobile telephone network to the destination.

85. (New) The method of claim 81, further comprising:
establishing a voice communication link with a remote device through a mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice communication link.

86. (New) The method of claim 41, further comprising:
establishing a voice communication link with a remote device through a mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice communication link.

87. (New) The method of claim 41, further comprising:
establishing a voice communication link with a remote device through a mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice communication link.

88. (New) The method of claim 52, further comprising:

Application No.: 09/606,350

Office Action Dated: September 9, 2003

establishing a voice communication link with a remote device through a mobile telephone network;

receiving voice data from the user; and

wirelessly transmitting data representing said voice data through said voice communication link.

89. (New) The method of claim 56, further comprising:

establishing a voice communication link with a remote device through a mobile telephone network;

receiving voice data from the user; and

wirelessly transmitting data representing said voice data through said voice communication link.

90. (New) The method of claim 74, further comprising:

establishing a voice communication link with a remote device through a mobile telephone network;

receiving voice data from the user; and

wirelessly transmitting data representing said voice data through said voice communication link.